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INSTALLATION FOR MEASURING TEMPERATURE
LAPSE RATES AND AIR HUMIDITY GRADIENTS
(Ustanovka dlya izmereniya Gradientov Temperatury i
Vlazhnosti Vozdukh) tr. by George S. Mitchell.
Aug 61 [11]p.

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DESCRIPTORS: *Geophysics, *Laboratory equipment,
Measurement, Temperature, *Humidity.

With a view to improving the accuracy and convenience
of work at the Central Geophysical Observatory
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to make it possible to conduct temperature and humid-
ity measurements and all associated operations by
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tr. by Richard M. Holden. Nov 60 [18]p. 2 refs.
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The task of the drifting stations North Pole-4 and North
Pole-5 was to obtain experimental data on the heat
balance of the Central Arctic. Measurement programs
were drawn up which made it possible to determine the
total and reflected radiation; the radiation balance; the
irradiation of the atmosphere and the earth; the heat
exchange between the atmosphere and the active sur-
face which caused turbulent mixing; the heat exchange
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1. Weather stations--Arctic
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2. Meteorology--Arctic
regions

I. Kucherov, N. V.

II. Sternat, M. S.

III. AmMetSoc-T-R-340

IV. American Meteorological
Society, Boston, Mass.

V. Contract AF 19(604)6113

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DESCRIPTORS: *Medical personnel, *Training,
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A separation cascade consisting of diffusion columns

Trennkaskade aus Diffusionskolonnen

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